

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/CAPLUS
NEWS 5 FEB 05 German (DE) application and patent publication number format
changes
NEWS 6 MAR 03 MEDLINE and LMEEDLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
available
NEWS 14 APR 26 LITAlert now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May
and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17 FREFULL now available on STN

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1
 DICTIONARY FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
 information enter HELP PROP at an arrow prompt in the file or refer
 to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

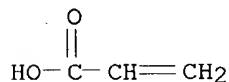
```
=> e zinc acrylate/cn
E1      1      ZINC ACEXAMATE/CN
E2      1      ZINC ACID PHOSPHATE/CN
E3      1 --> ZINC ACRYLATE/CN
E4      1      ZINC ACRYLATE HOMOPOLYMER/CN
E5      1      ZINC ACRYLATE POLYMER/CN
E6      1      ZINC ACRYLATE-CALCIUM ACRYLATE-LAURYL VINYL ETHER COPOLYMER/
CN
E7      1      ZINC ACRYLATE-CALCIUM ACRYLLATE-LAURYL VINYL ETHER POLYMER/C
N
E8      1      ZINC ACRYLATE-LAURYL VINYL ETHER COPOLYMER/CN
E9      1      ZINC ACRYLATE-LAURYL VINYL ETHER POLYMER/CN
E10     1      ZINC ACRYLATE-STYRENE COPOLYMER/CN
E11     1      ZINC ACRYLATE-VINYL CHLORIDE COPOLYMER/CN
E12     1      ZINC ADIPATE/CN
```

```
=> e3
L1      1 "ZINC ACRYLATE"/CN
```

```
=> d l1
```

```
L1  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN  14643-87-9  REGISTRY
CN  2-Propenoic acid, zinc salt (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN  Acrylic acid, zinc salt (8CI)
CN  Zinc acrylate (7CI)
OTHER NAMES:
CN  Actor ZA
CN  Blemmer S 122
CN  RR-ZDA
CN  Saret 633
CN  Sartomer 633
CN  SR 111
```

CN SR 526
 CN SR 633
 CN SR 633 (acrylate)
 CN SR 705
 CN SR 706
 CN Zinc diacrylate
 CN Zinc(II) acrylate
 CN ZNDA 90S
 DR 120220-24-8, 113329-02-5, 70507-67-4, 142605-01-4, 191744-27-1
 MF C3 H4 O2 . 1/2 Zn
 CI COM
 LC STN Files: BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMLIST, CIN, CSCHEM, GMELIN*, IFICDB, IFIPAT, IFIUDB, PIRA, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); PRP (Properties); USES (Uses)
 CRN (79-10-7)



● 1/2 Zn

484 REFERENCES IN FILE CA (1907 TO DATE)
 27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 485 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	7.04	7.25

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FILE COVERS 1907 - 24 May 2004 VOL 140 ISS 22
FILE LAST UPDATED: 23 May 2004 (20040523/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l1

L2 485 L1

=> aspect

65802 ASPECT

186544 ASPECTS

L3 248881 ASPECT

(ASPECT OR ASPECTS)

=> l2 and l3

L4 2 L2 AND L3

=> d l4 1-2 ti fbib abs

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

TI Solvent-developable printing formulations with improved processing characteristics

AN 2003:312627 CAPLUS

DN 138:311629

TI Solvent-developable printing formulations with improved processing characteristics

IN Hu, Yuxin; Jacobsen, Nathan J.

PA Napp Systems, Inc., USA

SO U.S., 10 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6551756	B1	20030422	US 2000-624104	20000724
				US 2000-624104	20000724

AB The present invention relates to solvent-developable printing formulations useful for the manufacture of printing plates. In particular, the present invention provides formulations which exhibit markedly improved processing characteristics when deposited on a printing plate, such as reduced tack, increased image resolution, and/or improved mech. properties, e.g., tensile strength, elongation. In accordance with another **aspect** of the invention, there are provided methods for the preparation of said formulations and methods for use thereof.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

TI Solid golf balls

AN 1994:511283 CAPLUS

DN 121:111283

TI Solid golf balls

IN Tokui, Yasuyuki; Tomohara, Taku; Morimoto, Takuro

PA Asics Corp, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06079018	A2	19940322	JP 1992-263184	19920903
	JP 2559318	B2	19961204		

JP 1992-263184 19920903

AB Solid golf balls are made from rubber compns. containing ≥ 2 butadiene rubbers with weight-av mol. weight (Mw) 50 x 104-70 x 104, Mw/Mn (number-average mol. weight) 2-3, and $\geq 80\%$ cis-1,4-configuration, crosslinking agents, peroxides, metal oxides, and 1-10 phr microfibers with **aspect** ratio ≥ 10 and length 1-300 μm . A golf ball was manufactured by using a composition containing 50 parts BR 150L, 50 parts BR 360L, 20 parts Zn acrylate, 3 parts dicumyl peroxide, 15 parts ZnO, and 3 parts fine fiber Tismo D. The ball had good durability, impact resilience, and compressive strength.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.15	19.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 08:51:59 ON 24 MAY 2004

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FULL ESTIMATED COST	12.15	19.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004

L2 485 L1
L3 248881 ASPECT
L4 2 L2 AND L3

=> compaction
18299 COMPACTION
97 COMPACTIONS
L5 18347 COMPACTION
(COMPACTION OR COMPACTIONS)

=> l1 and l5
485 L1
L6 0 L1 AND L5

=> logoff hold		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	15.72	22.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:08:58 ON 24 MAY 2004

Connecting via Winsock to STN

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FILE 'CAPLUS' ENTERED AT 09:40:40 ON 24 MAY 2004
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	15.72	22.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.39	-1.39

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004

L2 485 L1
L3 248881 ASPECT
L4 2 L2 AND L3
L5 18347 COMPACTION
L6 0 L1 AND L5

=> crystal?

1571264 CRYSTAL?

314648 CRYST

1798 CRYSTS

315915 CRYST

(CRYST OR CRYSTS)

83296 CRYSTD

16676 CRYSTG

212679 CRYSTN

2258 CRYSTNS

213946 CRYSTN

(CRYSTN OR CRYSTNS)

L7 1850081 CRYSTAL?

(CRYSTAL? OR CRYST OR CRYSTD OR CRYSTG OR CRYSTN)

=> l1 and l7

485 L1

L8 9 L1 AND L7

=> d l8 1-9 ti

L8 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Synthesis of α -willemite nanoparticles by post-calcination of flame-made zinc oxide/silica composites

L8 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Homogeneous ZnO Nanoparticles by Flame Spray Pyrolysis

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Adhesion of modified PE/EPDM blends to steel

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Polymer dispersion type liquid **crystal** display panel with good light scattering property and high-contrast and its manufacture

L8 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Noise gratings recorded with single-beam exposures in liquid holographic photopolymers

L8 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI golf ball core compositions

L8 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Network fiber-reinforced rubber compositions and their manufacture

L8 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of 2-hydroxymethylphenol

L8 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

TI Modified **crystalline** propylene polymer

=> l1(1)l7

485 L1

L9 2 L1(L)L7

=> d l9 1-2 ti fbib abs

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

TI Polymer dispersion type liquid crystal display panel with good light scattering property and high-contrast and its manufacture

AN 1997:456859 CAPLUS

,
 DN 127:88143
 TI Polymer dispersion type liquid crystal display panel with good light scattering property and high-contrast and its manufacture
 IN Senda, Hideo; Yoshida, Hideshi; Nakamura, Kimiaki; Tsuda, Hideaki
 PA Fujitsu Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 09127488	A2	19970516	JP 1995-284723	19951101
				JP 1995-284723	19951101

AB In the title display panel having a pair of transparent electrode-bearing substrates, the substrate has on its surface a multi-functional (meth)acrylate-based layer, a polymer-dispersion type liquid crystal precursor is placed between 2 substrates, and the panel is obtained by impressed an active energy such as UV- beam or heat. The display panel is driven by an active matrix and can be used for projection-type optical apparatus

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Network fiber-reinforced rubber compositions and their manufacture
 AN 1995:360638 CAPLUS
 DN 122:216354
 TI Network fiber-reinforced rubber compositions and their manufacture
 IN Shioyama, Tsutomu; Hamano, Naoki
 PA Bando Chemical Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 06299004	A2	19941025	JP 1993-87323	19930414
	JP 3384499	B2	20030310		
				JP 1993-87323	19930414

AB The compns., useful for belts (no data), are manufactured by kneading 100 parts crosslinkable rubbers and 0.5-130 parts liquid-crystalline polymers above the heat-distortion temperature of the liquid-crystalline polymers and then kneading below the heat-distortion temperature The high-temperature kneading may be carried out in

the optional presence of resorcinol-formaldehyde precondensates or resorcinol-alkylphenol-formaldehyde precondensates, followed by low-temperature kneading in the optional presence of methylolated melamines, or the whole kneading may be carried out in the presence of metal salts of carboxy-containing vinyl monomers. Thus, a mixture of Zetpol 2020 100, Novaccurate E 310 (liquid-crystalline polymer) 1, and Nocrac 200 3 parts was kneaded at 180° for 10 min, then kneaded at 60° for 10 min, mixed with 5 parts Peroximon F 40, and kneaded in rolls at .apprx.60° to give a rubber composition containing fibrillated liquid-crystalline

polymer, which was extruded through rolls to give a 1-mm-thick sheet and press-cured at 160° for 30 min. The sheet showed modulus 3.4 MPa, 50% modulus 0.8 MPa, breaking strength 17.4 MPa, and elongation at break 580% in the direction of sheet extrusion, vs. 2.9, 0.6, 10.3, and 430, resp., in the absence of Novaccurate E 310.

=> logoff hood

'HOOD' IS NOT VALID HERE
For an explanation, enter "HELP LOGOFF".

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

28.52

35.77

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.77

-2.77

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 09:45:00 ON 24 MAY 2004

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SESSION RESUMED IN FILE 'CAPLUS' AT 10:32:07 ON 24 MAY 2004
FILE 'CAPLUS' ENTERED AT 10:32:07 ON 24 MAY 2004
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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

28.52

35.77

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.77

-2.77

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004

E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004

L2 485 L1

L3 248881 ASPECT

L4 2 L2 AND L3

L5 18347 COMPACTION

L6 0 L1 AND L5

L7 1850081 CRYSTAL?

L8 9 L1 AND L7

L9 2 L1(L)L7

=> aspect ratio

65802 ASPECT

186544 ASPECTS

248881 ASPECT

(ASPECT OR ASPECTS)

999810 RATIO

274834 RATIOS

1185960 RATIO
(RATIO OR RATIOS)
L10 20384 ASPECT RATIO
(ASPECT(W)RATIO)

=> l1 and l10
485 L1
L11 1 L1 AND L10

=> d l11

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:511283 CAPLUS
DN 121:111283
TI Solid golf balls
IN Tokui, Yasuyuki; Tomohara, Taku; Morimoto, Takuro
PA Asics Corp, Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06079018	A2	19940322	JP 1992-263184	19920903
	JP 2559318	B2	19961204		
PRAI	JP 1992-263184		19920903		

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.09	41.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.77	-2.77

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STRUCTURE FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1
DICTIONARY FILE UPDATES: 23 MAY 2004 HIGHEST RN 685087-62-1

TSKA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e z2inc methacrylate/cn
E1 1 Z2CT20/CN

E2 1 Z2CTNB18/CN
 E3 0 --> Z2INC METHACRYLATE/CN
 E4 1 Z2NCDU25-20/CN
 E5 1 Z2NCDU25-20AZ/CN
 E6 1 Z2NCDU25.20.04-M/CN
 E7 1 Z2NCDU31-27/CN
 E8 1 Z2NCDUW25-20/CN
 E9 1 Z2NCDUW25-20M/CN
 E10 1 Z2NKD18-8-5/CN
 E11 1 Z2NKTD18/CN
 E12 2 Z3/CN

=> e zinc methacrylate/cn

E1 1 ZINC METATELLURATE (ZNTEO4)/CN
 E2 1 ZINC METAVANADATE (ZNV2O6)/CN
 E3 1 --> ZINC METHACRYLATE/CN
 E4 1 ZINC METHACRYLATE HOMOPOLYMER/CN
 E5 1 ZINC METHACRYLATE TRIS (2,4-PENTANEDIONATO) ZINCATE/CN
 E6 1 ZINC METHACRYLATE-METHYL METHACRYLATE COPOLYMER/CN
 E7 1 ZINC METHALLIBURE/CN
 E8 1 ZINC METHANEDISULFONATE/CN
 E9 1 ZINC METHANESULFINATE/CN
 E10 1 ZINC METHANESULFONATE/CN
 E11 1 ZINC METHANESULFONATE TETRAHYDRATE/CN
 E12 1 ZINC METHANETRISULFONATE/CN

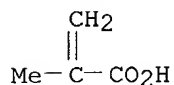
=> e3

L12 1 "ZINC METHACRYLATE"/CN

=> d l12

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 13189-00-9 REGISTRY
 CN 2-Propenoic acid, 2-methyl-, zinc salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methacrylic acid, zinc salt (8CI)
 OTHER NAMES:
 CN Actor ZMA
 CN Hi-Cross ZT
 CN R 205
 CN R 205 (acrylate)
 CN R 20S
 CN San Ester SK 30
 CN Saret 634
 CN Sartomer 634
 CN SK 30
 CN SR 634
 CN SR 708
 CN Zinc dimethacrylate
 CN **Zinc methacrylate**
 DR 162630-63-9
 MF C4 H6 O2 . 1/2 Zn
 CI COM
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB,
 IFIPAT, IFIUDB, PROMT, USPAT2, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: FORM (Formation, nonpreparative); PREP
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: PREP
(Preparation); PRP (Properties); USES (Uses)
CRN (79-41-4)



● 1/2 Zn

389 REFERENCES IN FILE CA (1907 TO DATE)
33 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
390 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.04	48.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

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FILE COVERS 1907 - 24 May 2004 VOL 140 ISS 22
FILE LAST UPDATED: 23 May 2004 (20040523/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l12

L13 390 L12

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004
E ZINC ACRYLATE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004

L2 485 L1
L3 248881 ASPECT
L4 2 L2 AND L3
L5 18347 COMPACTION
L6 0 L1 AND L5
L7 1850081 CRYSTAL?
L8 9 L1 AND L7
L9 2 L1(L)L7
L10 20384 ASPECT RATIO
L11 1 L1 AND L10

FILE 'REGISTRY' ENTERED AT 10:33:28 ON 24 MAY 2004

E Z2INC METHACRYLATE/CN
E ZINC METHACRYLATE/CN

L12 1 E3

FILE 'CAPLUS' ENTERED AT 10:34:23 ON 24 MAY 2004

L13 390 L12

=> l10 and l13

L14 0 L10 AND L13

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	48.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:34:48 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'CAPLUS' AT 10:58:42 ON 24 MAY 2004

FILE 'CAPLUS' ENTERED AT 10:58:42 ON 24 MAY 2004

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	48.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.77

=> logoff hopld

'HOPLD' IS NOT VALID HERE

For an explanation, enter "HELP LOGOFF".

```
=> logoff hold
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          0.44      48.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                                ENTRY      SESSION
CA SUBSCRIBER PRICE          0.00      -2.77
```

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:58:55 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 11:41:20 ON 24 MAY 2004
FILE 'CAPLUS' ENTERED AT 11:41:20 ON 24 MAY 2004
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```
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          0.44      48.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                                ENTRY      SESSION
CA SUBSCRIBER PRICE          0.00      -2.77
```

```
=> compaction
    18299 COMPACTION
    97 COMPACTIONS
L15    18347 COMPACTION
        (COMPACTION OR COMPACTIONS)
```

=> d his

(FILE 'HOME' ENTERED AT 08:43:07 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 08:43:18 ON 24 MAY 2004

```
    E ZINC ACRYLATE/CN
L1      1 E3
```

FILE 'CAPLUS' ENTERED AT 08:44:38 ON 24 MAY 2004

```
L2      485 L1
L3      248881 ASPECT
L4      2 L2 AND L3
L5      18347 COMPACTION
L6      0 L1 AND L5
L7      1850081 CRYSTAL?
L8      9 L1 AND L7
L9      2 L1(L)L7
L10     20384 ASPECT RATIO
L11     1 L1 AND L10
```

FILE 'REGISTRY' ENTERED AT 10:33:28 ON 24 MAY 2004

E Z2INC METHACRYLATE/CN

E ZINC METHACRYLATE/CN

L12 1 E3

FILE 'CAPLUS' ENTERED AT 10:34:23 ON 24 MAY 2004

L13 390 L12

L14 0 L10 AND L13

L15 18347 COMPACTION

=> "degree of compaction"

3868102 "DEGREE"

84493 "DEGREES"

3927973 "DEGREE"

("DEGREE" OR "DEGREES")

0 "OF"

154 "OFS"

154 "OF"

("OF" OR "OFS")

18299 "COMPACTION"

97 "COMPACTIONS"

18347 "COMPACTION"

("COMPACTION" OR "COMPACTIONS")

L16 0 "DEGREE OF COMPACTION"

("DEGREE"(W) "OF"(W) "COMPACTION")

=> 15 and 17

L17 1475 L5 AND L7

=> 15(1)17

L18 1130 L5(L)L7

=>

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

20.41

68.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-2.77

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:58:30 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'CAPLUS' AT 12:11:14 ON 24 MAY 2004

FILE 'CAPLUS' ENTERED AT 12:11:14 ON 24 MAY 2004

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

20.41

68.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-2.77

=> save temp all znacrylate/a
 'ZNACRYLATE/A' IS NOT ALLOWED WITH ALL
 The saved name of an L# list must end with '/L'.

=> save temp all znacrylate/l
 L# LIST L1-L18 HAS BEEN SAVED AS 'ZNACRYLATE/L'

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	21.28	69.66

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-2.77

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 12:12:13 ON 24 MAY 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1	Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	"Ask CAS" for self-help around the clock
NEWS 3 JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4 JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS 5 FEB 05	German (DE) application and patent publication number format changes
NEWS 6 MAR 03	MEDLINE and LMEADLINE reloaded
NEWS 7 MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03	FRANCEPAT now available on STN
NEWS 9 MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29	WPIFV now available on STN
NEWS 11 MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26	PROMT: New display field available
NEWS 13 APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14 APR 26	LITALERT now available on STN
NEWS 15 APR 27	NLDB: New search and display fields available
NEWS 16 May 10	PROUSDDR now available on STN
NEWS 17 May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18 May 12	EXTEND option available in structure searching
NEWS 19 May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17	FRFULL now available on STN